

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081418\
 Data File : VF059966.D
 Acq On : 15 Aug 2018 2:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 15 11:26:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 09:20:23 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	95	0.01
2 T	Dichlorodifluoromethane	50.000	45.783	8.4	87	0.01
3 P	Chloromethane	50.000	45.997	8.0	89	0.00
4 C	Vinyl Chloride	50.000	45.928	8.1#	87	0.00
5 T	Bromomethane	50.000	47.422	5.2	94	0.00
6 T	Chloroethane	50.000	45.241	9.5	88	0.00
7 T	Trichlorofluoromethane	50.000	47.980	4.0	88	0.01
8 T	Diethyl Ether	50.000	50.280	-0.6	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.524	9.0	88	0.00
10 T	Methyl Iodide	50.000	48.079	3.8	95	0.00
11 T	Tert butyl alcohol	250.000	265.380	-6.2	94	0.00
12 CM	1,1-Dichloroethene	50.000	47.306	5.4#	89	0.00
13 T	Acrolein	250.000	254.076	-1.6	93	0.00
14 T	Allyl chloride	50.000	48.721	2.6	104	0.00
15 T	Acrylonitrile	250.000	264.884	-6.0	98	0.00
16 T	Acetone	250.000	239.460	4.2	96	0.00
17 T	Carbon Disulfide	50.000	45.339	9.3	92	0.00
18 T	Methyl Acetate	50.000	51.879	-3.8	110	0.00
19 T	Methyl tert-butyl Ether	50.000	52.488	-5.0	101	0.00
20 T	Methylene Chloride	50.000	52.913	-5.8	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.252	3.5	93	0.00
22 T	Diisopropyl ether	50.000	48.996	2.0	93	0.00
23 T	Vinyl Acetate	250.000	265.051	-6.0	95	0.00
24 P	1,1-Dichloroethane	50.000	51.407	-2.8	97	0.00
25 T	2-Butanone	250.000	258.512	-3.4	103	0.00
26 T	2,2-Dichloropropane	50.000	48.899	2.2	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.350	-6.7	100	0.00
28 T	Bromochloromethane	50.000	53.729	-7.5	99	0.01
29	Tetrahydrofuran	250.000	273.288	-9.3	106	0.00
30 C	Chloroform	50.000	52.517	-5.0#	100	0.00
31 T	Cyclohexane	50.000	48.599	2.8	90	0.01
32 T	1,1,1-Trichloroethane	50.000	50.576	-1.2	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.111	-4.2	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	48.397	3.2	101	0.00
36 T	1,1-Dichloropropene	50.000	46.335	7.3	96	0.00
37 T	Ethyl Acetate	50.000	48.832	2.3	101	0.00
38 T	Carbon Tetrachloride	50.000	44.519	11.0	89	0.00
39 T	Methylcyclohexane	50.000	46.674	6.7	94	0.01
40 TM	Benzene	50.000	46.767	6.5	95	0.00
41 T	Methacrylonitrile	50.000	50.772	-1.5	105	0.00
42 TM	1,2-Dichloroethane	50.000	50.040	-0.1	98	0.00
43 T	Isopropyl Acetate	50.000	50.453	-0.9	104	0.00
44 TM	Trichloroethene	50.000	47.382	5.2	96	0.00
45 C	1,2-Dichloropropane	50.000	50.019	-0.0#	101	0.01

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.761	4.5	97	0.00
47 T	Bromodichloromethane	50.000	48.548	2.9	99	0.00
48 T	Methyl methacrylate	50.000	51.113	-2.2	99	0.00
49 T	1,4-Dioxane	1000.000	965.769	3.4	89	0.00
50 S	Toluene-d8	50.000	47.829	4.3	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.384	-1.4	99	0.00
52 CM	Toluene	50.000	48.232	3.5#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	48.620	2.8	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.893	0.2	94	0.00
55 T	1,1,2-Trichloroethane	50.000	49.527	0.9	100	0.00
56 T	Ethyl methacrylate	50.000	51.406	-2.8	100	0.00
57 T	1,3-Dichloropropane	50.000	48.424	3.2	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.503	3.4	95	0.00
59 T	2-Hexanone	250.000	246.021	1.6	94	0.00
60 T	Dibromochloromethane	50.000	50.087	-0.2	97	0.00
61 T	1,2-Dibromoethane	50.000	52.194	-4.4	103	0.00
62 S	4-Bromofluorobenzene	50.000	49.922	0.2	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	48.926	2.1	103	0.00
65 PM	Chlorobenzene	50.000	48.594	2.8	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.315	3.4	99	0.00
67 C	Ethyl Benzene	50.000	48.662	2.7#	99	0.00
68 T	m/p-Xylenes	100.000	94.588	5.4	97	0.00
69 T	o-Xylene	50.000	49.065	1.9	99	0.00
70 T	Styrene	50.000	48.448	3.1	97	0.00
71 P	Bromoform	50.000	49.656	0.7	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	49.967	0.1	95	0.00
74 T	N-amyl acetate	50.000	52.620	-5.2	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.340	-0.7	100	0.00
76 T	1,2,3-Trichloropropane	50.000	51.805	-3.6	99	0.00
77 T	Bromobenzene	50.000	48.172	3.7	95	0.00
78 T	n-propylbenzene	50.000	48.087	3.8	93	0.00
79 T	2-Chlorotoluene	50.000	47.943	4.1	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.890	4.2	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.555	-19.1	124	0.00
82 T	4-Chlorotoluene	50.000	45.097	9.8	90	0.00
83 T	tert-Butylbenzene	50.000	49.249	1.5	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.065	-0.1	94	0.00
85 T	sec-Butylbenzene	50.000	49.441	1.1	93	0.00
86 T	p-Isopropyltoluene	50.000	50.397	-0.8	95	0.00
87 T	1,3-Dichlorobenzene	50.000	48.052	3.9	97	0.00
88 T	1,4-Dichlorobenzene	50.000	49.260	1.5	95	0.00
89 T	n-Butylbenzene	50.000	48.280	3.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.589	4.8	93	0.00
91 T	1,2-Dichlorobenzene	50.000	48.263	3.5	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.852	0.3	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.782	0.4	94	0.00
94 T	Hexachlorobutadiene	50.000	47.355	5.3	91	0.00
95 T	Naphthalene	50.000	51.798	-3.6	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.917	-1.8	96	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6